

ATRA® ANCHORS GEOWEB® GEOCELL ANCHOR DEVICES SPECIFICATION

ATRA ANCHORS

ATRA Stake Clip with #4 rebar and 10-12 mm dia. rods

ATRA SPEED STAKES

Description:

The ATRA Stake Clip is a molded, highstrength polymeric device for use with #4 rebar and 10-12 mm diameter rods (metric), for forming ATRA Anchors. ATRA anchors are utilized for crest, toe, and internal anchoring of GEOWEB sections.

Both metal (common rebar) and non-metallic stakes may be used as determined by site soil conditions.

The flat head of the ATRA Stake Clip provides a level surface for driving anchors over the center of gravity.

The ATRA Stake Clip arm is slightly flanged, fitting securely over the GEOWEB cell wall and providing direct anchorage and resistance to sliding and uplift forces.

Material: Polymeric Composite Material

Construction: Injection Molded

Color: Black

UV Stability: 1-2% Carbon Black

Chemical Resistance: Unaffected by Most Acids.

Good Resistance to Alkalis

Other Properties: Mildew Resistant, Non-Corrosive

Conductivity: Non-Conductive

Description:

The ATRA Speed Stake provides additional anchorage and resistance to sliding and/or uplift forces to GEOWEB sections with or without tendons for crest, toe, and internal anchoring. ATRA Speed Stakes are a one-piece, non-metallic molded anchor used instead of traditional rebar or steel rods when long-term durability is desired in wet or corrosive environments.

ATRA Speed Stakes make a more secure connection with GEOWEB cell walls and allow for driving of anchors with powered ATRA Drivers with ATRA Gad attachment.

Material: Specialty HDPE based polymer

alloy

Construction: One-piece injection molded design with integral flanged arms and barbs

Color: Black Dimensions:

Length: 16 in (40.64 cm) and

20 in (50.8 cm)

Width: 1.92 in (48.77 mm) Diameter: Tapered diameter from 0.875 in (22.23 mm) to 0.5 in

(12.70 mm)

Min Tensile Strength (per ASTM D638):

14.5 kips (100 MPa)

Min Bending Strength: 575 lbf (2,550 N)

Chemical Resistance: Unaffected by Most Acids.

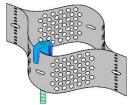
Good Resistance to Alkalis.

Other Properties: Weather Resistant, Mildew

Resistant, and Non-Corrosive **Conductivity:** Non-Conductive



ATRA Stake Clip



ATRA Anchor Over the GEOWEB Cell Wall









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SOLUTIONS WE SUPPLY

GEOSYNTHETICS

Filter Fabrics

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Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

• GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

· Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- · Triangle Silt Dike
- GeoRidge

Perimeter Protection

- · High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically Applied Products

- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- · Grout-Filled Geotextile Mats

Vegetation Establishment

- · Native Seed & Turf Seed
- Fertilizers
- · Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- · High-Flow Biofiltration Media
- · Hydrodynamic Separators
- Stratavault

Water Ouantity

- · Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- · Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- · Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- · Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs **Vegetated Reinforced Soil Slopes** Soil Anchors **Root Barrier System** AquaBlok Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.